

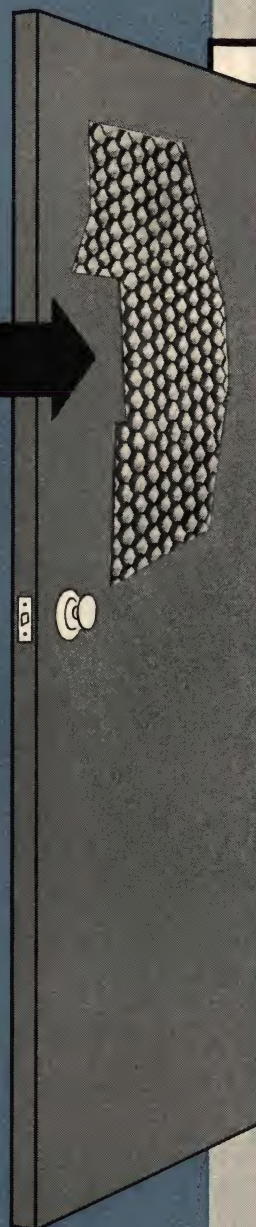
STEELCRAFT

...the most complete line of STANDARD HOLLOW METAL DOORS and FRAMES

(stocked by local distributors)

ALL HONEYCOMB REINFORCED

greater rigidity
improved sound deadening
greater damage resistance
unusual flatness



"Time is of the essence" . . .

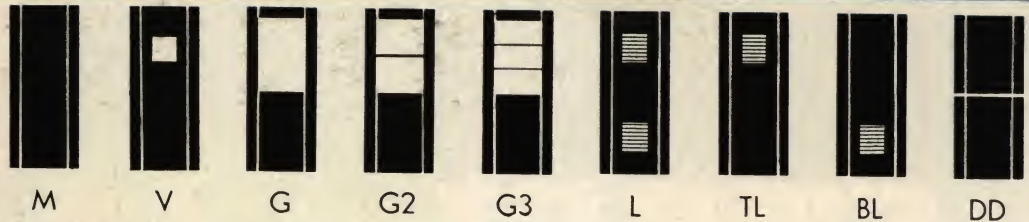
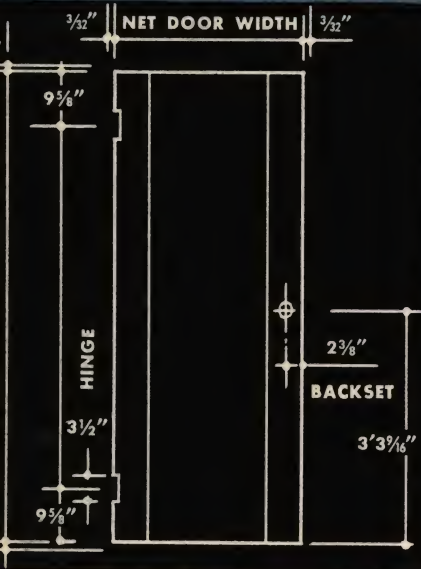
It is one of the primary functions of the authorized Steelcraft distributor to supply, and coordinate the delivery and application of the proper hardware with the doors and frames. In this way the Steelcraft distributor is able to deliver a complete package in accordance with local requirements and specifications.

We believe our policy of having our distributor complete the door — frame — hardware package, at the local level, is efficient, economical, and best serves the architectural profession, and the building industry.

- **STANDARD DUTY DOORS**
series 20— $1\frac{3}{8}$ "
- **COMMERCIAL DUTY DOORS**
series 18 and 20— $1\frac{3}{4}$ "
- **EXTRA HEAVY DUTY DOORS**
series 16— $1\frac{3}{4}$ "
- **FULL FLUSH—CUSTOM TYPE**
series H-18
- **DOOR FRAMES**
- **WRAP-AROUND FRAMES**
- **TRANSOMS, SIDELITES,
BORROWED LITES**



SERIES 20 1³/₈" standard duty doors



Available sizes—1'6" to 3'0" single, 4'0" to 6'0" double; 6'8" and 7'0" high.

HONEYCOMB REINFORCEMENT—Tremendous resistance to impact and flexing is obtained by using kraft cellular "honeycomb" structures in the center panel which also provides insulation, absolute flatness and sound deadening.

MECHANICAL INTERLOCKING—Maximum strength is obtained through positive, full length interlocking of the stiles to the center panel. Multiple right angle bends build remarkable structural strength into each stile.

BEVELED EDGE—Not usually found in a low cost steel door is the 1/8" in 2" bevel which allows easy operation with close tolerances.

BONDERIZED and PRIME PAINTED—Doors are carefully treated in a five-stage bonderizing system to guard against rust. This provides an excellent base for the baked-on prime paint.

specifications

Doors shall be 1 1/8" thick and of the flush three section type consisting of lock and hinge stile and center panel. Door stiles and panels shall be of 20 gage cold rolled prime quality steel. The vertical joints shall be tight and flush and designed to assure full length positive interlocking between center panel and stiles.

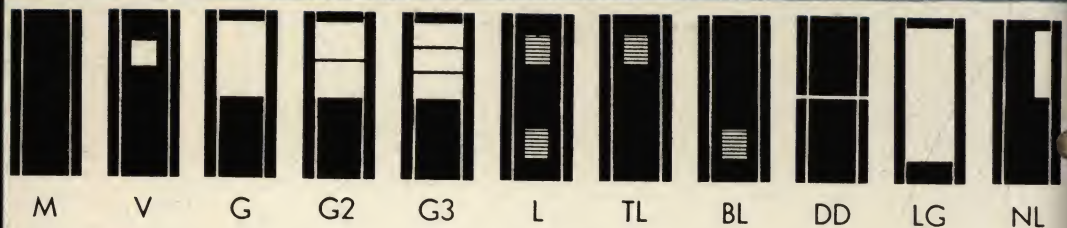
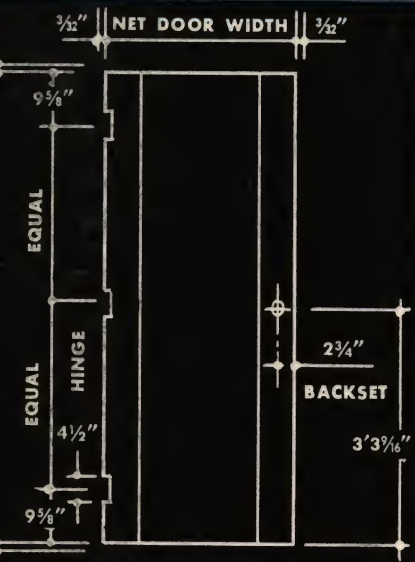
Doors shall be stiffened and sound deadened with Kraft honeycomb laminated to the inside of center panels. Top and bottom reinforcing channels of 16 gage cold rolled steel are to be spot-welded within the doors to provide horizontal rigidity and close the top and bottom of each door. All doors are to be beveled 1/8" to 2". The doors shall be mortised for standard

duty cylindrical locksets, Government No. 160 series with 2 3/8" backset and for one pair of 3 1/2" x 3 1/2" template or non-template hinges.

All doors shall be provided with 10 gage steel hinge reinforcements and an integral lock box of 16 gage steel all securely welded into the stile. Hinge and lock reinforcements are to be drilled and tapped to receive finish hardware which is to be applied in the field. Doors shall be reinforced for surface applied hardware with a minimum of 16 gage steel. Drilling and tapping for surface applied hardware shall be done in the field.

All doors shall be Bonderized and receive one coat of baked-on prime paint.

SERIES 18 & 20 1 3/4" commercial duty doors



Available sizes—2'0" to 3'4" single, 4'0" to 6'8" double; 6'8" and 7'0" high.

The commercial duty doors of 18 or 20 gage steel have in addition to the features listed under standard duty doors—see above—the following features:

REINFORCING CHANNELS of extra heavy 14 gage steel, 1" deep, securely welded into the top and bottom to provide greater lateral rigidity—a tight, rugged door.

1 1/2 Pair of 4 1/2" x 4 1/2" HINGES to insure extra long life in high frequency openings.

specifications

Doors shall be of the flush three section type consisting of lock and hinge stile and center panel. Door stiles and panels shall be made of 20 gage (for Series 20 doors) or 18 gage (for Series 18 doors) cold rolled prime quality steel. The vertical joints shall be tight and flush and designed to assure full length positive interlocking between center panels and stiles.

Doors shall be stiffened and sound deadened with Kraft honeycomb laminated to the inside of the center panels. Top and bottom reinforcing channels of 14 gage cold rolled steel are to be spot-welded to the panel and stiles of the door to provide horizontal rigidity and close the top and bottom of each door. All doors are to be beveled 1/8" in two inches.

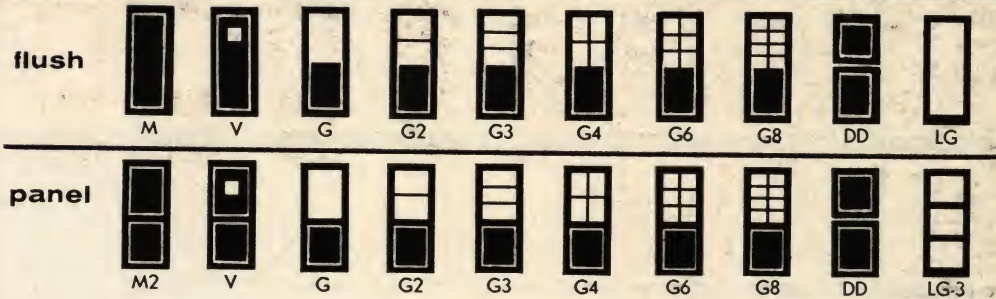
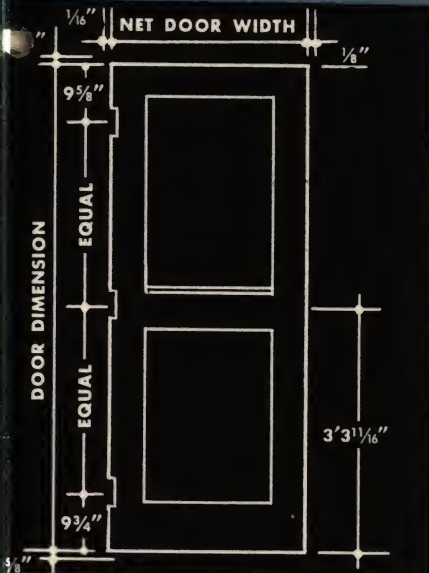
The doors shall be mortised for heavy duty cylindrical locksets, Government No. 161 with 2 3/4" backset and one and one-half pair of 4 1/2" x 4 1/2" template hinges.

All doors shall be provided with 10 gage steel hinge reinforcements and an integral lock box of 16 gage steel all securely welded into the stile. Hinge and lock reinforcements are to be drilled and tapped to receive finish hardware which is to be applied in the field. Doors shall be reinforced for surface applied hardware with a minimum of 16 gage steel. Drilling and tapping for surface applied hardware shall be done in the field.

All doors shall be Bonderized and receive one coat of baked-on prime paint.

SERIES 16 Extra heavy duty doors

16b
Ste



Available sizes—2'0" to 5'0" single, 4'0" to 10'0" double; 6'8", 7'0", 8'0" and 10'0" high.
TUBULAR STILE and RAIL CONSTRUCTION—Heavy 16 gage material provides tremendous resistance to racking and heavy abuse, insuring long life and trouble free operation.

ARC-WELDED CORNERS—All corners are mitered, reinforced, arc welded and neatly ground smooth.

HONEYCOMB REINFORCEMENT—in center panels results in greater impact resistance in addition to insulation and sound deadening values.

specifications

Doors shall be of 16 gage steel stile and rail construction. Stiles, top rails and center rails shall be of tubular construction, 1 3/4" thick and 5 1/2" high. Bottom rail shall be 8" high. Door corners shall be mitered, reinforced with 16 gage channels, continuously face welded and ground smooth.

Doors shall have identical appearance on both sides except that glazing bead and muntin screws shall always be on the inside.

Panel Type Doors shall be equipped with 3/8" thick sandwich panel made of two pieces of 18 gage steel with insulation filler.

Flush Type Doors shall be equipped with 1 3/4" thick panels made of two pieces of 18 gage steel separated, stiffened and sound deadened with impregnated Kraft honeycomb laminated within the panels.

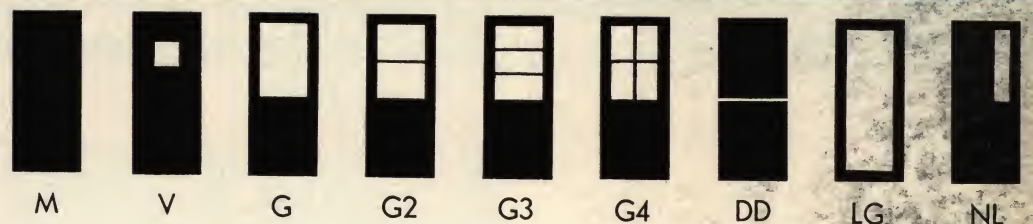
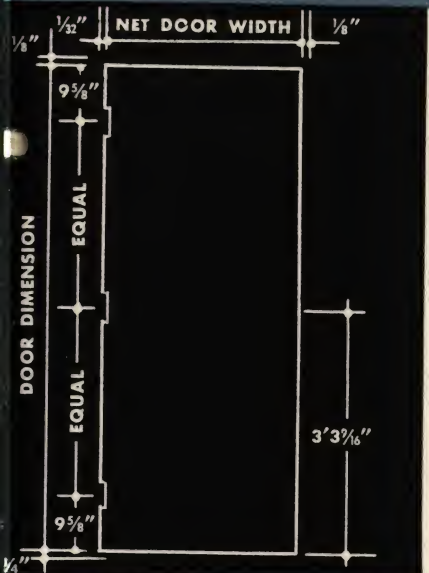
Standard weight 4 1/2" x 4 1/2" full mortise template hinges shall be used; 1 1/2 pair for doors up to 7'0", 2 pair on doors over 7'0".

Doors shall be mortised and reinforced for Government series 86 mortise locks, Government No. 161 heavy duty cylindrical locks or Government No. 140 integra lock as specified.

Doors shall be provided with 3/16" steel hinge reinforcements, 1/8" steel lock reinforcements all securely welded into place and each drilled and tapped to receive field installed finished hardware. Doors shall be reinforced with 16 gage steel for closers and other surface applied hardware when required.

All doors shall be Bonderized and receive one coat of baked-on prime paints.

SERIES H-18 completely flush doors



Available sizes—2'0" to 3'6" single, 4'0" to 7'0", double; 6'8" and 7'0" high.

FULLY FLUSH—Absolutely no seams are to be found on either the face or edges of this door.

HONEYCOMB CORE—Provides billiard table flatness without weld marks, resistance to impact and flexing, plus insulation and sound deadening values.

STRONG and RUGGED—Independent Laboratory tests have proved that this honeycomb reinforced door is much stronger than intermittent girder reinforced types.

specifications

Door panels are 18 gage cold rolled steel of pan type construction, reinforced, stiffened, sound deadened and insulated with an impregnated honeycomb core completely filling the inside of the doors and laminated to both inside faces of the panels. Joints in all edges of doors are intermittently arc-welded and concealed by a plastic filler ground smooth.

Aluminum glazing beads are of the snap-on type not requiring screws.

Doors are prepared for 1 1/2 pair of 4 1/2" x 4 1/2" standard weight full mortise template hinges and Government 86 mortise lock, Government 161 heavy duty cylindrical lock, Government 140 integra lock or Government 90 unit lock,

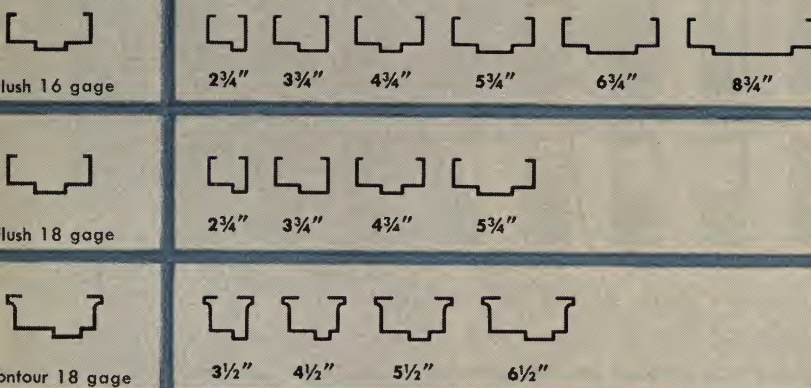
as specified.

10 gage steel hinge reinforcements and 16 gage lock reinforcements are securely welded in place and are drilled and tapped to receive finish hardware for field application.

Doors are reinforced for closers and other surface applied hardware when required. Drilling and tapping of surface applied hardware is to be done in the field. All reinforcing is a minimum of 16 gage steel.

All doors are bonderized and receive one coat of baked-on prime paint.

DOOR FRAMES

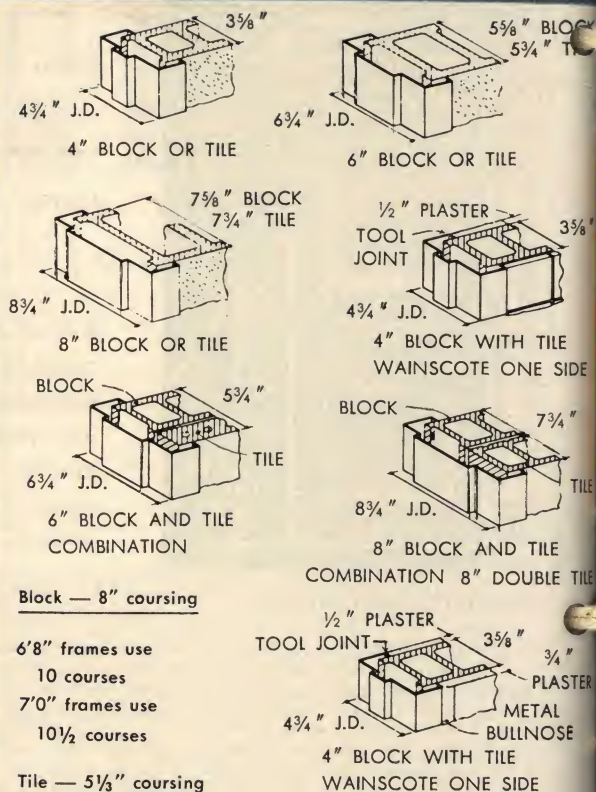


specifications

FLUSH—Frames for 1 3/8" doors are 18 gage cold rolled steel, mortised, machined and reinforced for one pair of 3 1/2" x 3 1/2" hinges. Frames for 1 3/4" doors are 16 gage, mortised, machined, and reinforced for 1 1/2 pair of 4 1/2" x 4 1/2" hinges. Standard construction is KD (set-up welded available on request). Mitered corners have heavy reinforcements with 4 integral tabs at each corner for secure and easy interlocking of jambs to heads. All strikes and hinge reinforcements are protected by plaster guards. Two rubber bumpers are factory installed in strike jambs. Frames are bonderized and finished with baked-on grey primer.

CONTOUR—Formed of 18 gage cold rolled steel and furnished KD. Corners are reinforced and provide interlocking tabs and mitered corners to be drawn up and secured by screws. One pair of welded on 3 1/2" x 3 1/2" hinges for 1 3/8" doors. 1 1/2 pair of welded on 4 1/2" x 4" hinges for 1 3/4" doors. All frames prepared for universal strike for cylindrical locks. Rubber bumpers are factory installed. Frames are bonderized and finished with baked-on prime coat.

WRAP AROUND FRAMES



Block — 8" coursing

6'8" frames use

10 courses

7'0" frames use

10 1/2 courses

Tile — 5 1/3" coursing

6'8" frames use

15 courses

7'0" frames use

16 courses

(7'1 1/3" course concealed

inside 2" face)

ADVANTAGES

- reduces door and frame cost
- reduces masonry cost
- available from distributor stock
- attractive appearance.

TRANSOMS, SIDELITES and BORROWED LITES

Extended deliveries are eliminated by the use of pre-engineered components for the fabrication of these frames.

Steelcraft pre-engineered components offer these advantages:

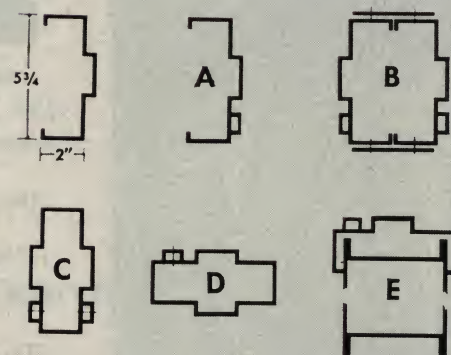
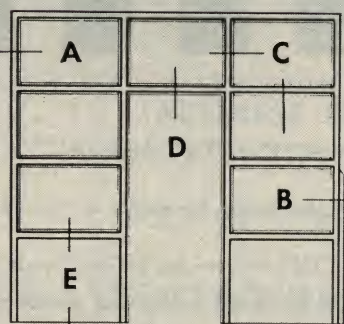
All the quality construction features of architecturally designed hollow metal.

Prompt, dependable delivery since units may be assembled by the local distributor.

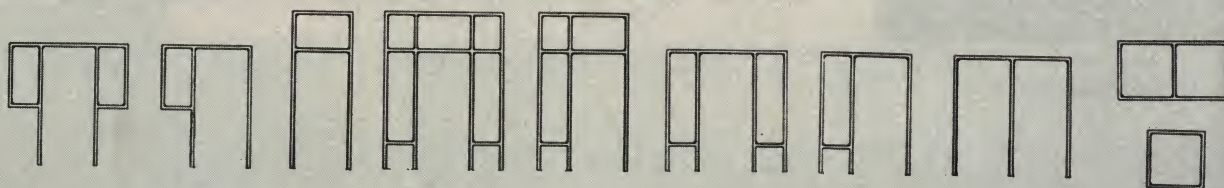
Versatile, allowing complete freedom of design.

Lower costs, achieved by mass production.

Hardware flexibility since units are coordinated locally with hardware schedules and templates.



typical
types



**STEEL
Craft**

The most complete line of standard steel doors and frames

THE STEELCRAFT MANUFACTURING COMPANY
9017 Blue Ash Road, Cincinnati 42, Ohio

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